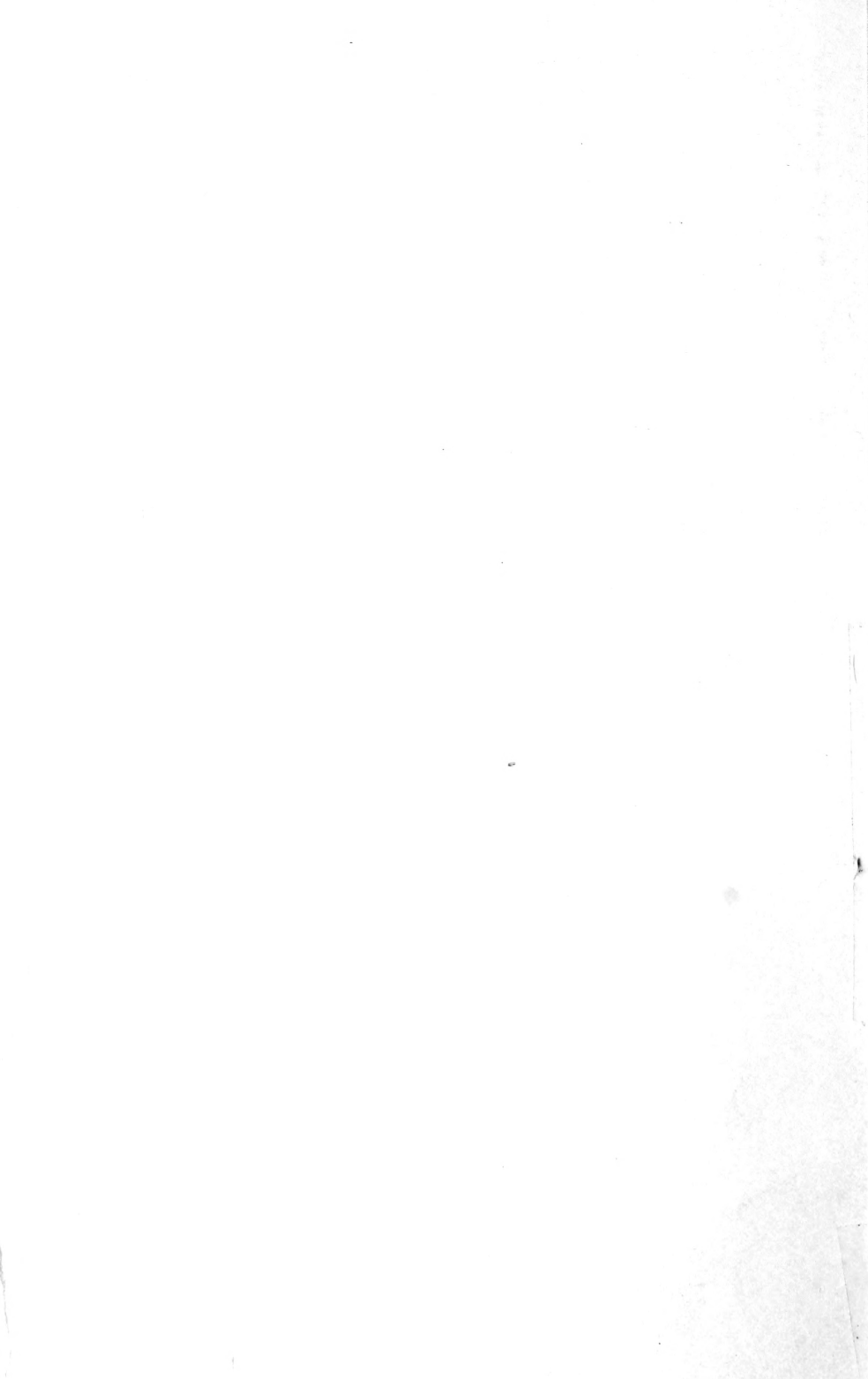


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DUTCH BULBS



Narcissus
Poeticus

Germain

LOS ANGELES
1916 — 17

BULBS

For Fall and Winter Planting

BEAUTY—More people should know the pleasure of growing Dutch bulbs. The classic beauty of flowers and foliage, the richness of perfumes, and the gorgeous and lasting decorative effect of the cut flowers are irresistible when one has once learned these things for himself.

TIMELINESS—Aside from their other advantages, bulbs are especially valuable in that many of them produce their flowers in the very early spring, at a season when few other plants are in blossom, and when flowers are doubly valuable from their rarity.

Likewise the bulbs may be removed from the ground and placed in reserve to ripen, thus making room for other flowering plants.

CULTURE—Beginners have an impression that there are many difficulties to overcome in order to have bulbs produce their flowers to perfection, whereas, in reality, no other plants are so easy to manage, none more showy, and none succeed so well under all circumstances as the different classes of bulbs. The secrets of growing bulbs successfully are good drainage, rich, loose soil, and planting deeply. If you are in doubt about soil being too heavy, put a little sand under each bulb; or better still, throw out the heavy soil to a depth of about two feet, put in a layer of broken bricks or stones for drainage and refill with loamy soil. In Southern California and similar climates, the watering should be done in such a way as to keep the soil moist but not soggy nor flooded. Exceptions to this rule will be noted under individual cultural directions.

Germain's Special Bulb Collections

These are made up of the same choice bulbs as offered in this catalogue, but as we offer them at greatly reduced prices, we cannot allow any alterations.

\$1.00 Collection "A"

Prepaid by Mail or Express in U. S., \$1.15

To enjoy the glories of a Bulbbed it is not necessary that a large investment be made, a glance at the varieties of our collection "A" will show that a beautiful assortment may be had at a minimum cost. Try this collection if you crowded for space.

3 Hyacinths, single, separate colors	12 Ranunculus, mixed
3 Hyacinths, double, separate colors	12 Anemones, mixed
6 Tulips, mixed	6 Narcissus, mixed
6 Oxalis, mixed	
12 Ixias, mixed	

\$2.00 Collection "B"

Prepaid by Mail or Express in U. S., \$2.30

Collection "B" offers many advantages to those who desire a first class collection of the best bulbs. There are many buyers who like the pleasure of bulb planting, but prefer to have their assortment chosen for them.

6 Hyacinths, single, separate colors	12 Ranunculus, mixed
6 Hyacinths, double, separate colors	6 Calochortus, mixed
12 Tulips, mixed	12 Ixias, mixed
12 Oxalis, mixed	12 Montbretias
12 Ixias, mixed	12 Crocus, mixed
12 Montbretias	
6 Narcissus, mixed	
12 Sparaxis, mixed	

\$3.00 Collection "C"

Prepaid by Mail or Express in U. S., \$3.60

Try our Collection "C" if you want a beautiful display of bulbous flowers. It contains a fine assortment of 153 of bulbs and we are sure they will give entire satisfaction.

6 Hyacinths, single, separate colors	6 Iris, mixed
6 Hyacinths, double, separate colors	6 Calochortus, mixed
6 Hyacinths, Roman	12 Oxalis, mixed
12 Tulips, single and double, mixed	12 Freesias
6 Narcissus, Polyanthus, mixed	12 Ixias, mixed
6 Narcissus, single and double, mixed	12 Montbretias
12 Crocus, mixed	12 Sparaxis, mixed
12 Anemones, mixed	1 Amaryllis Johnsonii
12 Ranunculus, mixed	2 Amaryllis Formosissima



NOTICE—BULBS BY EXPRESS AND MAIL

We cannot send perishable goods, bulbs, or plants, C. O. D., unless a remittance of fifty per cent accompanies the order.

Orders from unknown correspondents must be accompanied with cash or satisfactory reference. All bulbs, etc., forwarded at purchaser's expense.

The following bulbs require extra postage as listed below, and will be charged at parcel post rate: Agapanthus, Amaryllis, Caladium, Calla Lily, Canna, Dielytra, Hyacinth, Iris Kaempferi, Lillium, Madeira Vine, Narcissus or Daffodil, Ornithogalum, Spirea, Tulip, Tuberoses.

Please note time of arrival attached to each variety of bulbs. Nearly all Dutch importations are in stock by October 15th. However there are other varieties not ready before December or January, so that it is impossible for us to ship all varieties at the same time. Forward your orders as early as possible, before our stock becomes broken.

Agapanthus

African Lily or Love Flower. One of the most beautiful plants to be found for display in pots or tubs upon the lawn or in a border. Flowers are a beautiful porcelain blue. Grows very similar to the Amaryllis, and is sometimes called the Blue Amaryllis. Blue flowers are very scarce; also it is worthy of cultivation as a fine flower for cutting.

Culture—Same as Amaryllis. Planted in the fall of the year. It blooms in July and August.

AGAPANTHUS UMBELLATUS

	Ea.
Blue African Lily Small size.....	\$0.25
Large size.....	.50
White African Lily.....	.25

Amaryllis

In shape like the Easter Lily. Some are of the most delicately beautiful shades, and others of the most gorgeous, ranging in color from pure white to the deepest of reds. They are prized alike in pots and in the sunny beds of a garden. The Amaryllis cannot be recommended too highly to the lover of flowers.

Culture—The bulbs require a seven or eight-inch pot, according to their size, and should be potted so that the neck of the bulb is above the surface of the ground. Be sure that the pot has good drainage. Use a good rich compost, water thoroughly after potting and place in a cool, sheltered place for two or three weeks. As soon as growth begins, remove to a sunny place, keeping them moderately moist at all times.

For open ground—Plant the bulbs in any good garden soil which has plenty of well rotted manure. Select the bed in a fully exposed sunny position. Plant so that the top is even with the surface of the soil. Keep the bed moist at all times. Irrigate; don't sprinkle. Plant in the fall. They bloom in July and August.



AMARYLLIS BELLA DONNA

Amaryllis Bella Donna—"Bella Donna Lily," white, delicately shaded with pink or light purple, flowering before the leaves appear, very fragrant and fine for cut flowers, lasting fully a week when cut.

	Each	Doz.
First size.....	\$0.25	\$2.50
Second size.....	.15	1.50
A. Formosissima , "Jacobean Lily," velvety crimson, very striking and beautiful; may be grown in water like hyacinths. Postage 15 cts per dozen extra.....	.10	1.00
A. Johnsonii , striped white on red ground, extra fine:		
First size.....	.25	2.50
Second size.....	.15	1.50
A. Vitatta , mixed, most beautiful shades, extra choice.....	.35	3.50

Anemone

One of the most showy and beautiful flowers; of neat and compact growth, with elegantly cut foliage and the most brilliantly colored blossoms. It requires but little attention. For best effect plant in masses. Anemones show a wide range of beautiful colors.

Culture—Anemones require a rich, loamy soil. Soak the roots in water for six hours previous to planting. This causes them to swell and enables one to distinguish the crown, which is readily discernible by the fibrous points at the top of the root, the bottom being quite smooth. A sunny place is best. Place a slight ridge around the bed so that the plants may be flooded with water.

Plant any time from October to May. They bloom from February to July.

SINGLE ANEMONES

	Ea.	Doz.	100
Appenina , sky blue, very fine.....	\$0.05	\$0.50	
Blue.....	.05	.40	\$2.50
Fulgens , brilliant scarlet, star shaped flowers....	.05	.60	3.50
Scarlet , brilliant, 2 for 5.....		.25	1.50
The Bride , pure white, large flowered.....	.05	.40	2.50
French Poppy Variety , mixed colors.....		.35	2.50
Choice Mixed.....		.15	1.00

DOUBLE ANEMONES

	Ea.	Doz.	100
Duchesse de Lorraine , brilliant, deep rose.....	\$0.05	\$0.40	\$2.50
High Admiral , scarlet.....	.05	.40	2.50
King of the Blues , large.....	.05	.40	2.50
Rosette , new, delicate rose extra large.....	.05	.40	2.50
Choice Mixed , 2 for 5.....		.25	1.50

Begonia

The Tuberous Rooted Begonias are very worthy of cultivation. The foliage of the plant is a rich glossy green; the flowers are wax-like and of various colors. Most successfully grown in pots, making a splendid display for the conservatory or garden.

Culture—Plant in pots in rich sandy loam to the depth of two to three inches. Water lightly at first; when they show above the ground, water moderately. Plant bulbs from February to May. They bloom from July to October.

	Ea.	Doz.
Tuberous Rooted , single varieties in separate colors. Copper color, dark red, orange, pink, salmon, scarlet, white and yellow.....	\$0.15	\$1.50
Single mixed.....	.10	1.00
Double varieties in separate colors, copper, orange, pink, rose, scarlet, white and yellow.	.20	2.00
Double mixed. Ready January..	.15	1.50

Brodiaea

Brodiaea Coccinea, "Floral Fire Cracker," umbels of crimson pendant flowers, tipped bright green; 1 to 4 feet high.....

\$0.05 \$0.50

Caladium

Elephants Ear, a tropical plant growing to a height of three or four feet, with corresponding breadth; the leaves are of immense size, often eighteen inches by two feet; as a single plant for lawn or large flower border, it has no superior and no lawn is complete without one of these beautiful plants.

Culture—Plant in the spring, covering the bulbs so that the crowns will be even with the surface of the ground. Give plenty of water after they start to grow, prior to which time they require very little moisture.

Caladium Esculentum—

	\$0.20	\$2.00
First size bulbs.....		
Second size bulbs.....	.15	1.50

Calla Lily

Known to every lover of flowers. It is one of the most beautiful blooms, and cannot be too highly recommended.

Culture—Callas are very easy to grow, but to be successful they need only be given a good rich soil and an abundance of water. May be planted either in a sunny or half shady place. The white variety may be planted from July to March, and will bloom all year excepting during June, July and August. The yellow variety is ready in December and should be planted shortly afterwards. The black variety may be planted from October to February, and will bloom in April and sometimes during the early part of May



YELLOW CALLA LILY

	Ea.	Doz.
Lily of the Nile , too well known in California to need further description.		
First size.....	\$0.10	\$1.00
Second size.....	.10	.75
Third size.....	.05	.50
Spotted (<i>Richardia alba maculata</i>) has spotted leaves, very ornamental; flowers white with purplish brown throat.....	.15	1.50
Arum Sanctum (<i>Black Calla</i>) coal black, very striking.....	.25	2.50
Amorphophallus Rivieri (<i>Giant Black Calla</i>) beautiful for groups. Ready about December 1st.....	.25	2.50
Yellow Calla, Elliotiana . This is the finest Calla grown; large, deep, rich golden yellow color. The leaves are spotted with white, habit like our old favorite White Calla. Ready for shipment December 1st.		
Small size.....	.25	2.50
Large size.....	.35	3.50

Calochortus

"The Mariposa Lily," or "Butterfly Tulip"

The Calochorti are among the most beautiful of our native California plants. The flowers resemble those of a tulip in form, and are of the most varied and showy colors. For eastern culture, as a pot plant, they will be found especially useful.

Culture—Have the bed slightly raised with drainage perfect. No fresh manure must be used; sandy loam is best. Plant as soon after October 1st as possible. Plant $2\frac{1}{2}$ inches deep and 2 inches apart. During the winter and early spring the rains are sufficient, but if the late spring is dry, keep the ground barely moist after April 1st, and water liberally when the buds show for bloom.

	Ea.	Doz.
Albus (<i>Fairy Bell</i> , <i>White Globe Tulip</i>) flowers about an inch in diameter, pearly white with silky hairs, hanging like bells ten or twenty on a plant.....	\$0.05	\$0.50
Benthani , flowers bright yellow; dainty cup lined with silky hairs.....	.05	.50
Clavatus , flowers shaped like a broad-based bowl, sometimes 5 or 6 inches across; deep, rich yellow, the lower half covered thickly with stiff yellow hairs; tipped with round translucent knobs like tiny icicles. The largest flowered and stoutest stemmed of all the Mariposas.	.15	1.50
Nitidus , flowers large and white with an indigo blotch in the center of each petal. Covered inside with silky hairs.....	.10	1.00
Plummerae (<i>C. Weddi Purpurascens</i>), rich lavender purple, lined with long, yellow, silky hairs, large, extra choice.....	.05	.60
Venustus Citrinus , deep lemon yellow, with black eye; the plants grow from 1 to 3 feet high and produce flowers when well grown 3 to 4 inches across.	.05	.50
Venustus El Dorado , unsurpassed for beauty and variety of color, varying from white, pink, salmon, rich red, lilac to dark, velvety purple. All are marked with a showy yellow and brown eye, and beautifully lined and dotted.....	.05	.50
Venustus Oculatus , white, cream, lilac or purple, habit similar to the above variety.....	.05	.50
Venustus Purpurascens , purplish lilac outside and top of petals, creamy white half way, purple in center, beautiful eye at center of each petal. Flowers full 3 inches across.....	.05	.50
Venustus Roseus , a creamy white or lilac with an eye midway and a rose colored blotch at apex.....	.05	.50
Vesta , white suffused with lilac or rose purple, red center. Immense flowers measuring from 3 to 5 inches across. The best of all the Calochortus.....	.10	1.00
Mixed Calochortus , contains many of the best varieties.....	.05	.35

Chlidanthus

A pretty, bright, lemon yellow flower; highly interesting; similar to the *Amaryllis*, and with a very sweet odor.

Culture—Plant any time in the fall to the depth of two to four inches deep in any good garden soil.

	Ea.	Doz.
Chlidanthus fragrans ,	\$0.05	\$0.50

Canna

The most effective way to use the Canna is in large masses. A large group or bed of red Cannas, edged with Eulalia Japonica or Pennisetum is one of the most striking it is possible to create, and this display keeps up practically all the year around. Once planted, they may remain for several years and will improve, but if necessary, they transplant as easily as a Daffodil.

Culture—Easy to grow. Give the plants rich soil and plenty of moisture, setting them about eighteen inches apart each way.

Price, unless otherwise noted, strong dormant roots, each 15 cents; \$1.50 per dozen. Strong blooming plants, from 5 inch pots after May 1st, 25 cents each; \$2.50 per dozen.

Al Menther. Dazzling crimson scarlet, a good grower and very satisfactory in every way.

Fire Bird. Magnificent new red Canna with immense flowers eight inches across and the most showy variety in existence. It has been greatly admired by visitors to our nursery this year and it is the finest novelty in Cannas ever sent out. Price 50 cts.

Furst Wied. Pure crimson, of a clean even shade; below the average in dwarfness. The truss clear nicely, giving the plant a clean appearance at all times.

Herzog Von Ostrante. Golden yellow, the upper portion of the sepal clear, with a blotch of crimson at the base, no streaking or spots. Bright green foliage, medium to tall.

Hungaria. A beautiful blush pink, borne on large trusses. This is one of the best Cannas in cultivation, distinct from everything else. We have now growing at our nurseries an extremely fine lot and have reduced the price accordingly. Price 25 cts. each; \$2.50 per dozen.

King Humbert. Popular and showy variety, rather tall growing; red flowers and bronze foliage. One of the finest Cannas, and although an old variety, always in demand.

Landfold. A magnificent bronze canna, tall growing, with flowers a good deal like those of Stuttgartia. One of the most showy for large beds. Price 30 cents.

Carl Lutz. Rich chrome yellow with paler throat. A distinct and charming Canna. Price 35 cts. each.

Mont Blanc. The only white Canna we grow and the best one we know. Price 50 cts.

Mrs. A. F. Conard. One of the finest pink varieties, with salmon shade and we can highly recommend it. Price 25 cts. each; \$2.50 per dozen.

Olympic. Something entirely distinct. Immense flowers of a rich rosy red with flaming center and carmine spots. An immense flower produced on large showy spikes. Reduced this year to 35 cts. each.

Stuttgartia. Golden yellow with lines and spots of crimson. Stands very erect and extremely showy. Everywhere a favorite.

Wm. Boffinger. If we were tied to one variety of red Canna, this would be our choice. In our nursery it flowers every month in the year and although so cheap there is not a better variety in existence. Price \$1.00 per dozen.

Dielytra

"Bleeding Heart" is a good, reliable border plant, very attractive, but of little value for cutting purposes. Because of its unusually unique construction, it is unsurpassed as a garden adornment.

Culture—It flourishes in light or ordinary soil in shady situations, and should be always kept moist. Plant the bulb up to its neck. Planted in January or February they will bloom from the last of April until the middle of July.

Dielytra Spectabilis, "Bleeding Heart," a graceful plant with fern-like foliage and long sprays of pink and white heart-shaped flowers. Ready January..... **\$0.25 \$2.50**

Crinum

Flowers are very large and of a beautiful shade of pink, richly scented, resembling the Amaryllis Bella Donna, except that it is of a lighter shade of pink.

Culture—Same as for the Amaryllis.



Crinum Moorei, Ea...... **\$0.25**

Crocus

The Crocus is among our earliest spring flowering bulbs, and makes a splendid show when grown in masses. They may be planted any time in the fall, in good garden soil, about 3 inches deep and 3 or 4 inches apart; they may also be grown in pots or glasses sometimes grown in ornamental pots shaped like a hedgehog, when the bulbs are inserted in small holes about 1 inch apart. When in bloom, they are very effective for house decoration.

	Dz.	100
Cloth of Gold, yellow and brown	\$0.15	\$0.75
Large Yellow.....	.20	1.25
Mixed Blue.....	.15	.75
Mixed Striped.....	.15	.75
Mixed White.....	.15	.75
Mixed All Colors.....	.10	.60

Dahlia

Dahlias are standard, tall growing tuberous plants. The beautiful flowers are of various colors, and the most prominent forms are known as the Cactus and Show or Fancy Varieties. The coloration of the Dahlia flower is of almost every imaginable combination, from the most intense rich colors to the most delicate and fascinating tints. They make good lasting cut flowers. The Cactus is one of the popular types and possesses the greatest range of shading.

Culture—Plant in any good sandy garden soil, covering the bulb 3 to 5 inches. Keep the soil moist but not soggy. Plant from February to May. They flower from July to October. They do best in an open, sunny place.

Dahlia. We have a very choice collection of named varieties of Cactus and other Dahlias, ready February to May. See our general catalogue for the various sorts.

Freesia

This elegant little flower is so well known in California, and it seems so well adapted to our climate, that no garden should be without them. They are one of the earliest flowering of the bulbs; are exceptionally fragrant; make a nice display in a pot for your window, or for borders in open sunny places, though they may also be grown in shady places. They blossom all through the spring, and the early blossoms often last two weeks if cut as soon as they are opened.

Culture—Freesias are very easily raised. Plant to the depth of three inches in any good, sandy soil, any time from August to November, and the flowers will appear during January and March.



FREESIA

Freesia Purity. Mammoth size, pure white, 35 cts. dozen; \$2.50 per 100.
 Large size, 25 cts dozen; \$1.50 per 100.
 Medium size, 15 cts dozen; \$1.00 per 100.
 Small size 10 cts dozen; 75 cts per 100.

Gladiolus



Culture—The bulbs should be planted about five or six inches deep in any good light or sandy garden soil. They flourish best in an open sunny situation. Plant from January to June.

Gladiolus Bulbs Ready in January

America.	Ea.	Doz.
America. Large flower, flesh pink; exquisite.....	\$0.10	\$0.75
Second size.....	.05	.50
Baron Hulot. Beautiful blue.....	.15	1.50
Blanche. Large snow white with faint markings.....	.25	2.50
Germain's Special White. Pure white.....	.25	2.50
Golden King (New). Largest and clearest yellow with maroon blotch.....	.35	3.50
Halley. Salmon pink, extra fine.....	.15	1.50
Mrs. Francis King. Fine red. Best for cutting.....	.10	1.00
Mrs. Frank Pendleton (New). Conspicuous salmon pink with a blood red blotch on lower petals.....	.35	3.50
Niagara. Flowers very large, cream color shading to canary-yellow extra fine.....	.25	2.50
Peace (New). Beautiful white with pale lilac feathering.....	.25	2.50
Princeps. Largest and most brilliant red.....	.10	1.00
Ruffled Glory. Very large, ruffled edges, delicate cream pink.....	.25	2.50
Salmon Queen. Beautiful salmon pink.....	.10	1.00
Mixed, all varieties.....		.50

Gladiolus Early-flowering

Ready in December or January

	Doz.	100
The Bride. A lovely pure white....	\$0.25	\$1.50
Blushing Bride, or Delicatissima. Ivory-white, with carmine blotch on the lower petals.....	.25	1.50
Peach Blossom. A lovely shade of peach-blossom pink.....	.30	2.00

Hyacinth

Prominent in the list of bulbs is the Hyacinth, which is most grown for early spring flowers in the garden, and for pot culture in the window garden. For certainty and regularity of bloom, Hyacinths are unsurpassed by any other flower. The simplicity of their culture and the invariable return for the little labor required to grow them make them general favorites. With little care they need never fail to produce a profusion of blossoms and their absence from the garden is a loss that cannot be supplied by any other flower.

Culture—Plant in open ground, in good rich soil, from October to January, covering to the depth of from four to six inches. For pot culture plant in five inch pots, leaving one-third of the bulb exposed. Keep in a cool dark place five or six weeks till the roots are fully developed, then gradually inure to the light.

In glasses, fill the glass with water so as to nearly touch the base of the bulb. A piece of charcoal the size of a walnut, put into the water, will keep it pure and obviate frequent changing. In changing the water, draw the roots lightly through the hand to clean them from any scum which might, if left, induce rot.

MIXED SINGLE HYACINTHS

	Ea.	Doz.	100
All colors, mixed.....	\$0.05	\$0.50	\$4.00
Rose and Pink.....	.05	.60	4.00
Dark Red.....	.05	.60	4.00
Pure White.....	.05	.60	4.00
Dark Blue.....	.05	.60	4.00
Yellow.....	.05	.60	4.00

NAMED SINGLE HYACINTHS

Single Red and Rose

	Ea.	Doz.
Gertrude, carmine rose, large spike	\$0.15	\$1.50
Moreno, bright pink, large bells...	.15	1.50
Norma, waxy pink, large.....	.15	1.50
Pink Maitre, soft light pink.....	.15	1.50
Roi des Belges, bright scarlet, fine truss.....	.15	1.50
Rosea Maxima, delicate rose.....	.15	1.50

Single White

Grande Blanche, bluish white.....	.15	1.50
Grande Vedette, pure white.....	.15	1.50
L'Innocence, pure white, extra large truss.....	.15	1.50
Madame van der Hoop, pure white	.15	1.50

Single Blue

Grande Maitre, deep porcelain blue, large truss.....	.15	1.50
Johan, beautiful light blue.....	.15	1.50
King of the Blues, dark blue, grand spike.....	.15	1.50
Marie, dark blue, large spike.....	.15	1.50
Queen of the Blues, Light porcelain blue, fine.....	.15	1.50

Single Yellow

City of Haarlem, bright golden yellow, best.....	.15	1.50
Daylight, light yellow.....	.15	1.50

Single Violet

Lord Balfour, purplish violet, large, broad spike.....	.15	1.50
Sir William Mansfield, fine truss...	.15	1.50
Single Named, \$12.00 per 100.		

DOUBLE MIXED HYACINTHS

	Ea.	Doz.	100
All colors.....	\$0.05	\$0.50	\$4.00
Red and Rose.....	.05	.60	4.00
White and Blush.....	.05	.60	4.00
Dark Blue.....	.05	.60	4.00
Yellow.....	.05	.60	4.00

NAMED DOUBLE HYACINTHS

Double Red and Rose

	Ea.	Doz.
Bouquet Tendre, carmine rose, red center.....	\$0.15	\$1.50
Grootvorst, bluish large truss and bells.....	.15	1.50
President Roosevelt, dark red, fine	.15	1.50

Double White

Bouquet Royal, pure white.....	.15	1.50
Isabella, enormous flower, waxy white.....	.15	1.50
La Grandesse, pure white, very fine	.15	1.50

Double Blue

Blocksberg, light blue.....	.15	1.50
Garrick, clear blue.....	.15	1.50
Prince of Saxe-Weimar, dark blue.....	.15	1.50

Double Yellow

Goethe, light yellow, fine truss....	.15	1.50
Souverain, golden yellow.....	.15	1.50
Double Named, \$12.00 per 100.		



HYACINTH

SINGLE DUTCH ROMAN HYACINTHS

Admirably adapted for forcing. Will bloom by Christmas, if planted early in October.

Single

	Ea.	Doz.	100
Pure White, selected bulbs.....	\$0.05	\$0.50	\$3.50
Rose, selected bulbs.....	.05	.50	3.50
Blue, selected bulbs.....	.05	.50	3.50

FRENCH ROMAN

Pure White, selected bulbs.....	\$0.75	\$6.00
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Hyacinth Glasses

Tall Glass, in plain, green and blue.
Each, 25 cts; per dozen, \$2.50.

Iris



Irises, or fleur-de-lis, form an important group of brilliant colored flowers which almost equal orchids in beauty, richness and variety of color. They have thick clumps of long, narrow, equitant foliage. They are very ornamental and the showy flowers prove excellent for cutting purposes. The German Iris is the best known. It is fine for planting among rocks or will thrive well in damp, marshy places. Is excellent for cut flowers.

The Spanish Irises have been in cultivation for many years, and the beautiful ornamental flowers vary in color from white to brown, yellow, violet, blue and purple, together with marvelous combinations that are well nigh indescribable. This iris is very easily grown in half-shaded situations, and the flowers are valuable for cutting. A great favorite with florists.

The Japanese Iris was cultivated by the Japanese for many centuries and the great, handsome blossoms are wide and flat. The predominating colors of the blossoms are white, with tints of violet and purple or again, they are pinkish or grayish, and show a bewildering combination of markings. The plant requires a moist soil. Bulbs ready for planting in February.

Culture—Plant in light, rich soil, about three inches deep. Often planted in clumps where they are particularly effective. For this purpose, set the bulbs about three inches apart each way; every three or four years they should be dug up and reset. Japanese varieties should be planted in February and will flower in May; the German may be planted from October to May, and will flower from April to August. The Spanish and other varieties should be planted in October and will bloom during March, April, and a part of May.

Anglica (English Iris), fine mixed, an old fashioned flower; large, handsome flowers, mostly of rich purple, blue or lilac shades, very hardy, grows 18 to 20 inches high.....	Doz.	Per 100
Germanica (German Iris); though called German Iris, this is truly the Fleur-de-Lis, the national flower of France.....	\$0.35	\$2.50
Light Blue.....	.50	3.00
Purple.....	.75	4.00
White.....	.50	3.00

Pavonia (The Peacock Iris), white, blotched sky blue.....	.05	.50
Susiana (Netted Iris), brown, netted and spotted with black and blue, enormous flowers, one of the most showy.....	.20	2.00
Tuberosa (Snake's Head Iris), rich velvety black, fine for pots.....	.05	.50

Ixia

For planting in solid masses or for outlining the edges of walks in the bulb garden. There are no bulbous plants more effective or more easily grown than these dainty little flowers. The flowers are arranged in spikes on strong wiry stems and are especially useful for cutting.

Culture—Plant them three inches apart and two inches deep in any good garden soil.

	Doz.	100
Ixias , finest mixed.....	\$0.15	\$1.00

Madeira Vine

	Ea.	Doz.
Madeira , or "Mignonette Vine"...	\$0.05	\$0.50

Montbretia

Montbretia Crocosmaflora , long spikes of showy, orange colored flowers, spotted with purple, brilliant and showy.....	Doz.	\$0.25
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IRIS HISPANICA

	Doz.	Per 100
British Queen , pure white.....	\$0.25	\$1.50
Cajanus , clear yellow.....	.25	1.50
Excelsior , light blue (the latest).....	.25	1.50
Hercules , dark bronze.....	.25	1.50
King of the Blues , dark blue.....	.25	1.50
King of the Whites , extra large.....	.25	1.50
La Citroniere , Lemon Yellow.....	.25	1.50
Louise , light blue.....	.25	1.50
Surbiton , dark yellow, very fine.....	.25	1.50
Unique , dark blue, lips pure white.....	.25	1.50
Wouerman , beautiful orange yellow.....	.25	1.50
All colors, mixed.....	.20	1.00
Kaempferi (Japan Iris), very large flowers of the rarest and richest shades seldom seen except in the finest orchids. Ready for planting about January 1st. Choice named sorts mixed.....	Ea. 35	Doz. 2.50

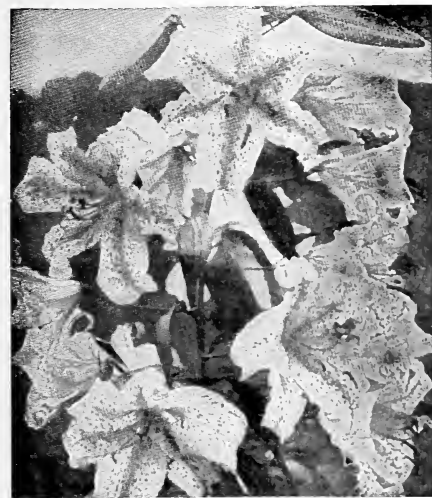
Lilium

We cannot say too much in praise of this elegant class of plants, which are becoming more popular every year. It does not seem necessary to attempt an improvement on that which is already perfect, as the lily is. Nature has endowed the lily with every element of grace and beauty, not only in outline but in color; the happy blending of colors in forms most varied and beautiful, in fragrance delightful; in short, in all the characters essential to real beauty.

Culture—In open ground; dig well, add some sand and well rotted manure (except for *Auratum*, which will not bear manure) and plant about five inches deep. In pots: Give thorough drainage, then fill up with compost, consisting of good, rich soil, peat and river sand; place the bulb firmly on this and cover about one inch below the surface; give no water until plants appear above ground, then water freely.

L. Giganteum (Easter Lily), and **L. Candidum**, ready about September or October; other varieties about the middle of December. They bloom as follows:

Giganteum in April and May; **Candidum** in May; other varieties in July and August.



LILIAM AURATUM

Auratum, "Golden Banded Lily," Ea. Doz.
the finest and most magnificent of the genus. Flowers white, spotted crimson with a distinct golden stripe running through each petal. First size bulb..... \$0.25 \$2.50

Candidum, "Annunciation Lily," Ea. Doz.
pure white, fragrant, a well known garden favorite. Ready October 1st..... \$0.20 \$2.00

Giganteum, large flowering, pure white lily of strong and healthy growth, can be forced into bloom for Easter.
Small size..... .15 1.50
Large size..... .25 2.50

Humboldtii, a beautiful native California species, very large and showy, flowers orange, spotted with black..... .25 2.50

Lancifolium album, "White Japan Lily," pure white, very fragrant..... .20 2.00

Lancifolium rubrum, white shaded with rose and spotted with crimson..... .20 2.00

The varieties of *Lancifolium* are very handsome and distinct. They are the well known Japan Lilies. Ready January 1st.

Longiflorum, very similar to *L. Harrissii*, but blooms a few weeks later..... .20 2.00

Parryii, flowers lemon yellow, long, trumpet-shaped, very fragrant, a native California species..... .25 2.50

Tigrinum flore pleno, "Double Tiger Lily," of stately habit, growing to the height of 5 feet, bearing an immense number of double flowers, orange-red, spotted black..... .20 2.00

Tigrinum, "Tiger Lily," orange, spotted black, very showy. Ready January..... .15 1.50

A Few Words about our Poultry Supply Dept.

Our Poultry, Dog, Cat, Bird, Fish and Rabbit Departments are each in charge of experts whose knowledge is at your service, and they are ever ready to give information as to prices of all supplies or the uses of any of our many foods and medicines.

POULTRY

In our Poultry Department are incubators that hatch, brooders that brood, appliances that save labor, tonics that give satisfactory results and foods that produce physical growth and eggs.

CATS, DOGS

In the Dog and Cat Departments you will find a large and varied selection of collars, harnesses, chains, leads, feeding dishes, brushes, biscuits or medicines. Nothing of use for or benefit to the Dog or Cat omitted.

BIRDS

When we say Birds, we stop, for words can not portray beauties or produce the melodies of song. We have St. Andreasberg Rollers, Hartz Mountain German Warblers, and English Canaries. We furnish prices upon application and can make safe shipments by express. We handle only the best of cages and mixed or plain bird seeds.

FISH

Gold fish are ornamental in any home. Make your choice of the Fan-tail, Fringe-tail, Comet, Telescope or Straight-tail. We have all these, also foods, appliances, etc., that they require.

RABBITS

Good health and proper foods are essential for successful rabbit raising. Our line, medicines, accessories and food have been selected with the utmost care.

List of good books for your instruction, also special catalogs of any of these departments furnished on application.

Narcissus or Daffodil

The Narcissus is one of the most useful of the early blooming bulbs, being hardy and of easy culture. Large quantities should be planted for a supply of early cut flowers, and a portion should be in sunny, and a portion in shaded places, to prolong the season of flowering. The graceful flowers render them peculiarly valuable for this purpose, and if cut when partially opened, they will develop in water, and last for many days. One of the good features in growing Narcissus is that when a planting is once made no further attention is necessary, as they will protect themselves against all encroachments.

Culture—Narcissus thrive in a light, rich soil, and when possible they should be planted in beds by themselves. After the blooming season water should be withheld, and the bulbs allowed to ripen in the usual manner. The water required to keep other plants alive during the summer months is especially harmful to them. Plant the bulbs four or five inches deep and six to eight inches apart. After a growth of a few inches is attained, give a good liberal mulch of well rotted manure. Plant in October to February. Blooms from February to May.

POLYANTHUS NARCISSUS

	Ea.	Doz.	100
Bathurst , deep yellow, large cluster, extra fine	\$0.05	\$0.50	\$3.50
Bazelman Major , pure white, deep yellow cup, extra large.....	.15	1.50	8.00
Gloriosa , white, orange cup, large.....	.05	.50	3.50
Grand Monarque , white, with lemon-yellow cup; may be successfully grown in water like a Chinese Lily.....	.05	.50	3.50
Queen of the Yellows.....	.10	1.00	6.00
Paper White , pure white, early, fine for florists; two for 5 cts.....		.30	1.75
Paper White , large flowered, an improvement on the Paper White, producing immense clusters of very large, pure white, star shaped flowers.....	.05	.50	3.00
Chinese Sacred Lily , a species of Narcissus well known here; very fine for window decoration, grown in water.....	.15	1.50	10.00

SINGLE NARCISSUS

	Ea.	Doz.	100
Barri Conspicuous , white, yellow cup, edged orange.....		\$0.30	\$2.00
Empress , a magnificent variety, perianth white, of great substance, trumpet rich yellow, one of the best.....		\$0.50	
Emperor , enormous, brilliant yellow trumpet.....	.30	\$2.50	
Emperor , mammoth size.....	.50	3.50	
Firebrand , cream white, shaded lemon at base; cup, fiery orange red, fluted.....	\$0.20	2.00	
Golden Spur , has enormous deep golden yellow flowers; early.....	\$0.10	.60	
Moschatus , sulphur white, very fragrant.....	.10	.75	
Poeticus Ornatus , pure white with orange red cup, fine for forcing.....	.05	.25	2.00
Sir Watkin , yellow, largest and finest in comparabilis.....	.05	.50	3.50
Trumpet Major , deep yellow, free bloomer, fine for forcing.....	.05	.30	2.00
Van Sion , early yellow trumpet.....	.15	.30	2.25
Victoria , finest yellow trumpet, with white petals.....	.05	.60	4.50



NARCISSUS—Giant Empress

DOUBLE NARCISSUS

	Ea.	Doz.	100
Albo Pleno Odorato , pure white, large.....	.05	.30	2.00
Incomparable , yellow and orange, large.....	\$0.05	\$0.35	\$2.50
Orange Phoenix , white with reddish orange center.....		.35	2.50
Sulphur Phoenix , white, Sulphur center, much prized for bouquets.....		.35	2.50
Van Sion (Double Daffodil), golden yellow, large....	.05	.35	2.50

Jonquil

A species of Narcissus, with very fragrant flowers; excellent for cutting. Culture same as for Narcissus.

	Doz.	100
Single Yellow	\$0.15	\$1.00
Campanelle Yellow.....	.25	1.50

DO NOT FAIL TO LOOK OVER THE LIST OF SEEDS FOR FALL PLANTING IN THE LAST PAGES OF THIS CATALOG. THERE IS ALSO A CONDENSED LISTING OF PLANTS AND SHRUBS WHICH WILL INTEREST THE READER FOR TIMELINESS.

Ornithogalum

Arabicum , beautiful variety, throwing a tall spike of numerous star-shaped flowers with a jet black center and having a distinct aromatic perfume, decidedly pretty when grown in the garden. Large size, each	Ea.	Doz.
Small size, each	\$0.10	\$1.00
	.05	.50

Oxalis

The flowers are handsome and graceful in form, beautiful in color and produce an abundance of flowers and dainty foliage for winter and early spring. They are suitable for hanging baskets, pots, window boxes and borders.

Culture—For pot culture, plant from six to eight in five or six inch pot and cover about one inch deep. For beds plant four or five inches apart and one to two inches deep in rich friable soil. Will stand an abundance of water. Plant in July. They will bloom in the winter and early spring.

Grand Duchesse, White , large pure white, on single stems from 5 to 8 inches long, bright green foliage, extra fine	Doz.	100
	\$0.30	\$2.00
Grand Duchesse, Pink , bright pink on single stems; compact, sturdy grower with dark green foliage	.30	2.00
Grand Duchesse, Lavender , pinkish lavender, changing to old rose, on single stems 5 to 8 inches long; dark green foliage	.30	2.00
Bermuda Buttercup , flowers are very large, bright buttercup yellow, produced in great profusion on long stems; one bulb of this variety is sufficient for a 5 or 6 inch pot, and if properly treated may be had in bloom within six or seven weeks from time of planting. Well grown plants have produced over 1000 blossoms in one season, and as many as 70 flower stems at one time	.35	2.50
Bowell is decidedly the handsomest. The flowers are large and of a most brilliant rose color. If planted in a rockery or border it will dispute position with almost any other plant. Bulbs ready for planting from July to November; two for 5 cts.	.30	2.50
Choice mixed , two for 5 cts.	.25	1.50

Ranunculus

The Ranunculus produces strikingly beautiful flowers of every imaginable shade from bright vermilion to pink, yellow and pure white. The plants are free bloomers, very double and useful for cut flowers. If little care is used a glorious display will follow in the spring. Plant from November to March.

Culture—Before planting the roots soak them in water for two or three hours; this causes them to swell to full size. Plant them in a good, rich soil, claws downward, six to eight inches apart each way and cover the roots with two inches of finely sifted soil.

Ready about November 1st.

French Mixed , Holland grown	Doz.	100
French Mont Blanc , white	\$0.15	\$0.75
Persian Mixed	.25	1.25
Turban , pink	.15	.75
Turban , scarlet	.25	1.50
Turban , violet	.25	1.50
Turban , white	.25	1.50
Turban , yellow	.25	1.50
Turban , very fine mixed	.15	1.00
Grown in France		
Large Flowering French Varieties (mixed)	.30	2.00

Scilla

Scilla Amoena (Siberica), blue flowers, spring flowering	Ea.	Doz.
		\$0.15

Snowdrops

Snowdrops (Galanthus), white, spring flowering		.25
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Sparaxis

Culture—Same treatment as the Ixias.

Sparaxis , finest mixed, per 100, \$1.00	Doz.	\$0.15
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Spirea

Postage 10 cts each extra

Spirea Japonica , compacta multiflora, dwarf, white feathery flowers and handsome fern-like foliage, strong clumps	Ea.	Doz.
	\$0.30	\$3.00
Spirea Pink , (Queen Alexandra)	.50	5.00
Spirea ready for shipment about January 1.		



RANUNCULUS

FERTILIZING

The Fall is the best time to fertilize. We strongly advocate the use of Germain's Nuvida Fertilizers. Odorless, weedless and efficient.

For further particulars see page 23 of this catalogue. We will gladly give you any information and advice. A call at the store or a letter will do it.

Tulip

For grand effect as early spring flowers, the Tulips probably head the list of bulbous plants. It was long considered that the growing of Tulips in California was a failure, but the past few years have proven, that accorded proper conditions, they will produce a fine display of blossoms. Experiments with Tulips under favorable conditions have produced flowers with stems fully twenty-four to twenty-eight inches long. The great cause of failure here is that the soils are too heavy. With this knowledge in view the successful cultivation of tulips lies principally in the soil preparation.

Culture—Select a half shady plot in the garden and if the soil is not already a very sandy loam excavate to the depth of ten inches, replacing with sandy loam, three parts to one part cow manure rotted and add even to this clean sand, fill to four or five inches above the surrounding ground, level off smoothly and plant the bulbs three or four inches apart and four inches deep. Place a ridge around the edges so that the bed may be flooded as sprinkling is more injurious than beneficial and tends to destroy the blooms when open. Plant any time from October to January.

EARLY SINGLE TULIPS

	Ea.	Doz.	100
Duc van Tholl , choicest sorts, mixed.....	\$0.05	\$0.30	\$1.75
Red Varieties.....		.30	
Striped Varieties.....		.30	
White Varieties.....		.30	
Yellow Varieties.....		.30	
Best Fine Mixed , two for 5 cts.....		.25	1.75

EARLY DOUBLE TULIPS

Best Fine Mixed , two for 5 cts.	.25	1.75
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LATE SINGLE GARDEN TULIPS

	Doz.	100
Baron de la Tonaye , bright rose ..	\$0.60	\$4.00
Bouton d'Or , rich orange yellow..	.30	2.00
Byblossoms , superfine mixed, white ground, blotched and feathered, with crimson, pink, violet and maroon.....	.25	1.50
Clara Butt , beautiful clear pink..	.60	4.00
Gesneriana Aurantiaca , rich orange red.....	.35	2.00
Gesneriana Lutea , fine golden yellow.....	.35	2.00
Gesneriana Rosea , soft red, blue center.....	.35	2.00
Gesneriana Spathulata , scarlet, blue eye, very large.....	.35	2.00
Golden Crown , pale yellow edged with crimson, suffused with orange red.....	.30	2.00
Harry Veitch , rich blood red.....	.60	4.00
Inglescombe Yellow , glossy Canary yellow.....	.60	4.50
La Candeur , Silvery white. As the flower ages it turns to a light pink.....	.60	4.00
Madame Krelege , lilac rose.....	.60	4.00
Parisian Yellow , pure yellow.....	.30	2.00
Parrot , finest mixed.....	.25	1.50
Picotee , Maiden's Blush, white margined deep rose.....	.30	2.00
Pride of Haarlem , immense flowers of deep rose shaded scarlet.....	.60	4.00
Psyche , rich rose, shaded to silvery rose with pale blue blaze.....	.75	6.00
Wedding Veil , soft lilac.....	.60	4.00
Darwin Mixed.....	.35	2.00
Single late mixed.....	.25	1.50

Tuberose

Tuberoses are very familiar, highly fragrant, stiff, waxy-white double flowers that blossom in August and September. The flowers are clustered on tall spikes that rise from a tuberous root-stalk. The odor of the Tuberose lends a subtle charm to the garden. They are admirably adapted for cut flowers, and are of easy cultivation.

Culture—Plant in open ground, when the soil has become warm, to the depth of three to four inches. They do best in an open sunny place. Water freely as soon as the points appear above the ground. Plant from January to May.

Double Pearl, far superior to the old double variety, growing only about two feet high, with large individual double white florets, which have longer foot stalks than the old variety, rendering them more useful for cut flower purposes. Large bulbs, each 5 cts; per dozen \$5 cts; per 100 \$3.00.

Watsonia

Similar to the Gladiolus, even in culture. It grows about 4 feet high and produces a wonderful profusion of flowers which are in bloom about Easter time. Ready for planting in August.

	Ea.	Doz.
Pure white	\$0.10	\$1.00
Pink.....	.10	1.00



TULIP

Our Nursery Department is back of the big store. Plants, Shrubby and Trees of all varieties. Visit this department.

POSTAGE!

Bulbs are not quoted postpaid; when ordering any of these varieties please include sufficient money to cover the postage: Agapanthus, Amaryllis, Caladium, Calla Lily, Canna, Dielytra, Hyacinth, Iris Kaemferi, Lilium, Madeira Vine, Narcissus or Daffodil, Ornithogalum, Spirea, Tulip, Tuberose. Any sum left over after mailing will be returned at once.

GERMAIN SEED & PLANT CO.

LIBRARY

RECEIVED

★ OCT 30 1919 ★

U. S. Department of Agriculture

VEGETABLES FOR FALL PLANTING

BEETS

<i>Germain</i> CROSBY'S EGYPTIAN BEET. A beet of high quality, very early, Pkt. Oz.	
medium size, grows smooth and of deep crimson flesh.....	\$.05 5.20
BASSANO. Early, flat, light color, fine quality.....	.05 .20
EDMUND'S BLOOD TURNIP. Regular in shape, very dark flesh, excellent quality.....	.05 .20
EXTRA EARLY ECLIPSE. Round in shape, small top, flesh bright red, fine grained and tender.....	.05 .20
EXTRA EARLY EGYPTIAN. Very early, deep color, flat shape.....	.05 .20
LONG BLOOD. Fine flavor, long symmetrical shape.....	.05 .20
SWISS CHARD OR SILVER. Cultivated for its leaf stalks, cooked like spinach.....	.05 .20

BROCCOLI

PURPLE CAPE. Produces fine heads of purplish-brown color.....	.05 .30
<i>Germain</i> WHITE CAPE. Heads medium size, compact of creamy-white color.....	.05 .30

BRUSSELS SPROUTS

HALF DWARF PARIS MARKET. A half dwarf sort, bearing hard, round sprouts of finest quality.....	.05 .25
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CABBAGE

POINTED OR OBLONG VARIETIES

<i>Germain</i> EARLY WINNIGSTADT CABBAGE. This cabbage is noted for its solid head, fine texture and can be rotated through the season....	.10 .20
EARLY YORK. Solid pointed heads.....	.05 .15
SELECTED EARLY JERSEY WAKEFIELD. Heads very compact, solid and conical shape.....	.10 .20

FLAT OR ROUND HEAD VARIETIES

ALLHEAD EARLY. Large, early sort, very uniform.....	.05 .15
COPENHAGEN MARKET. Heads round, solid and exceptionally good quality.....	.15 .70
DANISH BALLHEAD OR HOLLAND. Very hardy, round head and best for winter keeping.....	.10 .45
DRUMHEAD SAVOY. Fine quality.....	.05 .20
ETAMPES. Small, extra early variety.....	.10 .45
HENDERSON SUCCESSION. Fine, second early sort.....	.05 .20
IMPROVED EARLY SUMMER. Second early sort, large and solid heads..	.05 .20
LARGE LATE DRUMHEAD. Standard winter.....	.05 .20
MARBLEHEAD MAMMOTH DRUMHEAD. Very large and solid.....	.05 .20
SELECTED ALL-SEASONS. Finest for second early or late, grows large and quickly.....	.05 .20
SELECTED EARLY FLAT DUTCH. Very hardy, solid, fine keeper and great quality, best for cold or dry weather.....	.05 .20
SELECTED LATE FLAT DUTCH. Heads large, bluish green, round, sound, broad and flat on top; excellent fall and winter variety.....	.05 .20
SUREHEAD. Fine quality in common use.....	.05 .20

CHINESE CABBAGE

This cabbage is tender, crisp, blanches perfectly, is good either raw or cooked

RED CABBAGE

RED DUTCH OR PICKLING. Fine, solid, dark red heads.....	.05 .20
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CARROTS

<i>Germain</i> OXHEART OR GUERANDE CARROT. Most popular among all home gardens. Flesh is bright orange, smooth grained and sweet; excellent for table use.....	.05 .20
EARLY CHANTENAY. Early sort, six inches long, stump rooted, smooth, deep red, fine grained and sugary.....	.05 .20
EARLY FRENCH FORCING. Earliest variety, grown for forcing, round, of orange red color.....	.05 .20
EARLY SCARLET OR SHORT HORN. Popular for table use, deep orange color.....	.05 .20
IMPROVED DANVERS HALF LONG. Suitable for all soils, rich, dark orange color, very smooth.....	.05 .20
IMPROVED LONG ORANGE. Standard sort, roots long, thickest near the crown, tapering to point.....	.05 .20

CAULIFLOWER

<i>Germain</i> GERMAIN'S DRY WEATHER CAULIFLOWER. Very Pkt 1/4 oz Oz.	
resistant to drought and will reach perfection when other sorts fail. Responds readily to moist seasons or usual irrigation.....	.25 .75 2.50
EXTRA EARLY ERFURT. Remarkably sure heading, early, of dwarf habit.....	.25 .75
HENDERSON'S EARLY SNOWBALL. Noted for its reliability and being a sure header.....	.25 .25 4.20
LARGE ALGIERS. Late variety, heads large, white and solid.....	.05 .35 1.00
LENORMANDS SHORT STEMMED. A compact grower, very hardy, heading late.....	.05 .25 .80
VEITCH'S AUTUMN GIANT. A large, late sort, heads compact, very robust.....	.05 .25 .80

CHERVIL

CURLED. For flavoring soups and stews, or for salads and garnishing.....	.05 .20
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CHICORY

LARGE ROOTED MAGDEBURG. Prepared roots are used as a substitute and to mix with coffee.....	Pkt	Oz.
	.05	.25
WITLOAF. The blanched stalks are used as a salad. It is also used as a boiled vegetable.....	.05	.25

CHIVES

CHIVES. The leaves of this plant can be shorn off and are excellent as a mild onion flavor to salads and soups.....	.10
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CORN SALAD

FETTICUS OR LAMB'S LETTUCE. Substitute for lettuce.....	.05	.15
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COLLARDS

TRUE GEORGIA. Grows four to five feet high, forms large loose head....	.05	.10
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CRESS OR PEPPER GRASS

FINE CURLED. Used as salad.....	.05	.10
WATER CRESS. Excellent for use as salad.....	.10	.35

ENDIVE

BROAD-LEAVED BATAVIAN. Best for soups.....	.05	.25
FRENCH MOSS CURLED GREEN. Moss-like appearance.....	.05	.25

KALE OR BORECOLE

DWARF CURLED. Very hardy.....	.05	.10
GREEN CURLED SCOTCH. Grows to height of eighteen inches; leaves bright green and curled.....	.05	.10
JERSEY OR TREE KALE. For chickens and stock only.....	.05	.10
THOUSAND HEADED KALE. For stock and chickens.....	.05	.10

KOHLRABI

EARLY PURPLE VIENNA. Very hardy, bluish purple.....	.05	.20
EARLY WHITE VIENNA. Flesh white and tender.....	.05	.20

LEEK

LONDON FLAG. A large and hardy plant.....	.05	.25
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LETTUCE**CABBAGE OR HEADING VARIETIES**

BLACK SEEDED TENNISBALL. A delicately flavored variety, firm, round heads.....	.05	.10
BIG BOSTON. Very hardy, leaves broad, smooth and head solid.....	.05	.10
CALIFORNIA CREAM BUTTER. Summer variety.....	.05	.10
DENVER MARKET. Medium large, heading variety.....	.05	.10
DRUMHEAD. Buttery flavor, medium large.....	.05	.10
ICEBURG. Leaves curly, heads unusually solid.....	.05	.20
IMPROVED HANSEN. Very large, tender and crisp.....	.05	.15
LOS ANGELES MARKET. Of finest strain, large, solid head, excellent flavor, very hardy.....	.10	.20
NEW YORK. Crisp, tender, hardy, uniform size.....	.05	.20
PARIS WHITE COS. Similar to Romaine.....	.05	.15
WONDERFUL. Well adapted for fall planting. A strong grower, fine heads.....	.05	.20
CURLED OR LOOSE LEAVED VARIETY		
BLACK SEEDED SIMPSON. Large, thin leaves, very tender.....	.05	.10
EARLY CURLED SIMPSON. Large, loose heads.....	.05	.10
PRIZEHEAD. Large, loose-headed, leaves tinged with brown.....	.05	.10

ONIONS

<i>Germain</i> AUSTRALIAN BROWN ONION. An onion of quality, having a brown skin, but the flesh is pure white, close layered, juicy and tender. Very prolific.....	.10	.15
AUSTRALIAN EX-EARLY YELLOW GLOBE. Skin thin, mild and of splendid flavor.....	.05	.25
BERMUDA RED. Pale red skin, mild flavor.....	.10	.50
BERMUDA WHITE. A large, flattish onion, very mild.....	.10	.25
CRYSTAL WHITE WAX. Very mild in flavor, pure white flesh, excellent keeper.....	.10	.40
EARLY BARLETTA OR ADRIATIC BARLETTA. Silver skin, very small, used for pickling.....	.05	.25
EXTRA EARLY RED. Very early, medium size, excellent flavor.....	.05	.20
GERMAIN'S GREAT GREEN. Produces the long, tender and sweet onions. For eating as a relish pull before bulb has formed.....	.10	.25
LARGE RED WETHERSFIELD. Flesh is white, tinged with red, good quality, crisp and solid.....	.05	.25
MAMMOTH SILVER KING. Large white onion, very mild and pleasant flavor. (Crop Failed).....	.05	.25
NEW QUEEN. Very early, flat, medium size, fine flavor.....	.05	.20
PRIZE TAKER. Large yellow onion, globular shape.....	.05	.15
SOUTHPORT RED GLOBE. Rich red color, fine keeper.....	.10	.30
SOUTHPORT WHITE GLOBE. Fine grained, mild flavor.....	.05	.15
SOUTHPORT YELLOW GLOBE. One of earliest Globe onions, excellent quality.....	.10	.30
WHITE PORTUGAL OR SILVER SKIN. Matures early, flat shape and very mild flavor.....	.05	.15
YELLOW FLAT DANVERS. Early sort, good keeper and mild flavor.....	.05	.20
YELLOW GLOBE DANVERS. Flesh white and firm, bright orange color, sure cropper.....	.05	.20

ONION SETS

AUSTRALIAN BROWN. Make a quick growth for green table onion, 25c per pound, post paid. Pkt Oz.
SILVERSKIN MILD. An excellent quality, grows quickly, 25c per pound, postpaid.

PARSLEY

CHAMPION MOSS CURLED. Leaves fine and crisp. Excellent for garnish-
 ing. .05 .15
FERN-LEAF MOSS. Exceedingly fine for garnishing. .05 .15
HAMBURG OR TURNIP ROOTED. Roots used for flavoring soups. .05 .15

PARSNIP

HOLLOW-CROWNED. Fine for table or stock. .05 .15
IMPROVED GUERNSEY. Half long and large. .05 .15
SHORT ROUND OR TURNIP ROOTED. For shallow soils. .05 .15

PEAS

FIRST EARLY VARIETIES

AMERICAN WONDER. Wrinkled sort, dwarf habit, very prolific. .10 .30
GRADUS. Wrinkled sort, large pods, very sweet peas. .10 .30
McLEANS LITTLE GEM. Peas excellent flavor, very large pods for so early
 a pea. .10 .35
NOTT'S EXCELSIOR. Hardy and quick grower, peas tender and fine flavor
.10 .35
PREMIUM GEM. A fine early, wrinkled pea, dwarf. .10 .35

SECOND EARLY VARIETIES

CHAMPION OF ENGLAND. Very hardy, prolific, fine quality. .10 .35
DWARF SUGAR OR EDIBLE POD. Can be cooked and used same as
 stringless beans, very sweet. .10 .35
STRATEGEM. Heavy cropper, producing well-filled pods, very sweet. .05 .30
Germain **YORKSHIRE HERO PEAS.** Has great power of adaptability; a
 strong, vigorous grower. Grows bushy and yields prodigiously. Peas
 are excellent flavor. .10 .30

LATE VARIETIES

TELEPHONE. A fine wrinkled pea growing about four feet high, very
 prolific, very large pods, fine quality. .10 .40

RADISHES

Germain **GERMAIN'S EPICURE RADISH.** Solely a relish, color scarlet
 with white tip. Very quick growing, maturing in eighteen days.
 Firm, mild in flavor, never pithy. .10 .15
BLACK SPANISH WINTER, LONG. Oblong shape, quite solid. .05 .10
BLACK SPANISH WINTER, ROUND. Round in form. .05 .10
CALIFORNIA MAMMOTH WHITE. Winter sort, very large, flesh white,
 firm and excellent flavor. .05 .10
CHARTIER. Long and smooth, red with white tip. .05 .10
CHINA ROSE WINTER. Medium size, oblong, rose color. .05 .10
CRIMSON GIANT TURNIP. Extra large turnip-shape variety. .05 .10
EXTRA LONG SCARLET SHORT TOP. Long, bright scarlet radish,
 very brittle and sweet. .05 .10
EARLY SCARLET GLOBE. Very solid, bright red color. .05 .10
FRENCH BREAKFAST. Early variety, scarlet, tipped with white. .05 .10
JAPANESE SUMMER RADISH. Mammoth variety, very tender. .05 .10
JAPANESE WINTER RADISH. Greatly resembling Japanese summer
 radish, but smaller. .05 .10
LONG WHITE ICICLE. Long radish, very tender and crisp. .05 .10
MODEL WHITE BOX. Early white, round radish. .05 .10
SCARLET TURNIP. Popular little red radish, quick grower. .05 .10
SCARLET OLIVE-SHAPED. Oval shape, early, tender and brittle. .05 .10
SCARLET TURNIP, WHITE-TIPPED. Of excellent quality. .05 .10

SORREL

LARGE-LEAVED FRENCH. Used for salads and like spinach. .05 .25

SPINACH

BLOOMSDALE, OR SAVOY-LEAVED SPINACH. Thick, dark green leaves,
 early and best for fall use. .05 .10
LONG STANDING. Leaves large, thick and crumpled, slow to go to seed. .05 .10
NEW ZEALAND. Abundant producer, best for the spring. .05 .15
PRICKLEY OR FALL. (Crop Failed)
ROUND OR SUMMER. Does best sown in early spring. .05 .10

TURNIPS

Germain **EARLY PURPLE TOP MILAN.** This variety is very delicious
 and early. It is medium size, flat and thick, with a smooth, bright
 purple top, snow white flesh. .10 .15
COW HORN. Pure white, shaped like a carrot. .05 .10
EARLY WHITE EGG. Egg shape, flesh firm, mild and sweet. .05 .10
EARLY WHITE FLAT DUTCH. White flesh, medium size. .05 .10
RED TOP WHITE GLOBE. Large and rapid grower, flesh pure white, very
 sweet. .05 .10
GOLDEN BALL. Round, smooth skin, bright yellow. .05 .10
PURPLE TOP STRAP-LEAF. Matures quickly, excellent flavor. .05 .10
EARLY SNOWBALL. Grows even in size, pure white and round in shape,
 very sweet. .10 .15
WHITE GLOBE. A large turnip, but matures quickly. .05 .10

NURSERY DEPARTMENT

When buying bulbs, it is well to keep in mind that many of the finest shrubs and trees are best planted in the fall. By a little care, until the rainy season sets in, they will be kept growing slowly, and then when the rains come the roots will be in a condition to take up the abundant moisture provided. Trees planted this way are a season ahead of those planted in spring. Many small shrubs and plants are also far better planted in fall as during this season there is a flush of young roots that serves to establish them in their new position. We are listing below a few of the best kinds for fall and winter planting, though in the small space at our disposal we cannot do more than touch the fringe of them. We would appreciate it highly if our customers would write for information regarding plants and shrubs suitable for their section of the country, and we will advise to the best of our knowledge. Only by making our customers successful with our goods, can we hope to be ourselves successful.



THE FUCHSIA

We are pleased to note a revival of interest in the fuchsia, a plant that has long suffered from neglect, but which is deserving of every care. Graceful, free flowering, and beautiful, there is a distinctness about the plant that everyone knows and recognizes. We offer those below with every confidence that they will give entire satisfaction wherever grown. With a view of bringing them more to the notice of our customers, we will make a special price this season of \$1.00 per dozen; 60 cts for 6, our selection.

Arborescens. This is the tree fuchsia, an old favorite producing large panicles of small flowers, the color a delicate rosy lilac. 15 cts.

Elm City. One of the new doubles with deep purple corolla and crimson sepals, a very pleasing color combination. 20 cts.

J. Christian. Double white corolla and crimson sepals, a distinct novelty. 20 cts.

Paola Radaelli. Very double, the sepals rich glossy red, corolla bluish violet, an unusually fine thing. 20 cts.

Chatelaine. Were we to be tied to one variety, we would choose this lovely single. The flowers are of several shades of light crimson, rose and lake. 20 cts.

Elegans. An old but beautiful fuchsia, small flowering but very free. Fine for outdoors. 15 cts.

Snow Queen. (See illustration.) This is an old variety, but there is nothing better in the whole list of fuchsias. The corolla is deep red, the sepals white and very double. 15 cts.

(NOTE.—The above is a partial list only. We have many others in stock at our nurseries.)

THE ROSE

(SPECIAL FALL OFFER)

The advantage of fall planting of roses is not sufficiently appreciated. At this time of year we always send out balled plants. The difference in freight or express charges is more than made up in the superb quality of the plants; and to introduce this method to those of our customers who have not tried it, we are making an offer that will more than offset the price of the freight. On all balled roses ordered before January 1st, 1917, we will make a special price of 25 cents each, \$2.75 per dozen, our selection, if this offer is mentioned in the order.

Radiance. (See illustration.) There never was a finer rose for outdoor cultivation than Radiance. Its large and perfectly formed flowers are produced on long stems, making it fine for cutting. The color is a lovely luminous rose pink, and it is never out of bloom in our nursery. 35 cts.

Andrew Carnegie. A superb white rose flowering continually the year around. 30 cts.

Killarney. The demand for this grand pink Irish rose never ceases. We have orders for it practically every day in the year. Our large stock of it at our Montebello nurseries is a never-failing source of delight to our visiting patrons. 25 cts.

Antoine Rivoire. A constant flowering rose with delicate shades of pink, apricot, and yellow, shading to white, one of the best garden varieties. 30 cts.

Lady Ann Borodell. A white sport from the well known "My Maryland," having all the good points of this superb rose. 30 cts.

Lady Ursula. Distinct and beautiful, opening freely under all conditions; the color a soft satiny rose. 30 cts.
(Kindly ask for full list of roses.)

AZALEAS

The continued disturbed conditions in Europe have led to increased difficulties in importing stock from Belgium. Last year our plants came in good condition, and we hope to get them again this year, but there will surely be some delay, and we advise early orders. We offer all the best colors and varieties subject to arrival, at \$1.00 to \$2.00 each.

CAMELLIAS

A fine stock of imported plants arrived last year too late for our spring sales. These have all been potted and we can offer them in magnificent plants, in any color, mixed, at \$1.00 each.



RADIANCE

MISCELLANEOUS PLANTS

Escallonia. Fine shrubs for planting near the sea coast and in exposed positions. The white forms are taller growing than the red and should be planted further back in the shrubbery. 3-in. pot stock, 15 cts; larger, 35 cts to \$1.00.

Cannas. See special list page 5.

Pansies. Ever popular annuals that are the delight and pride of all who have a garden, no matter how large or how small. Our early fall stock is in the best possible condition this year, and we will be able to take care of orders earlier than usual. Our strain of pansies is renowned the world over, and we are constantly adding the best European and American novelties to our collection. We grow them by the hundreds of thousands. Separate colors, 35 cts per dozen; \$2.50 per 100. Mixed, 25 cts per dozen; \$2.00 per 100.

Stocks. Our varieties of Giant Perfection stocks are the best procurable. For fall planting, these easily grown, free flowering and fragrant annuals are unsurpassed, and they are extremely popular. All colors, 25 cts per dozen; \$2.00 per 100.

Wistaria. Fall is the best time to plant these magnificent vines, which are too well known to need description. We can supply fine plants of either the white or purple Wistaria at \$1.00 each. Larger plants at proportionately higher prices, up to \$2.50.

Daphne Odora. The fragrance of the flowers of this fine shrub is delightful and it should be in every garden. \$1.00.

Araucarias. We have magnificent specimens of A. Bidwilli at \$2.50 to \$4.00 each, and it is by far the best for planting out. A. Excelsa, the well-known porch and table plant, we have from \$1.00 up.

Caladium Esculentum (Elephant's Ear). A large leaved, elegant plant of fine tropical appearance. 25 cts to 50 cts.

Abyssinian Banana (Musa Ensete). A superb, tropical looking plant, fine for single specimens on the lawn. Small plants 75 cts; larger, \$2.00 and up.

Ferns. We have at all times a large stock of Boston and other ferns, small ferns for table decoration, and hardy ferns for outdoor planting.

Violets. Single and double, fragrant flowers that are popular everywhere. We have them in all the best varieties, in pots for transplanting at any time. 50 cts per dozen.

FRUIT TREES

Don't forget, when you are in need of fruit trees of any kind, to write us. Our annual sales of deciduous, citrus, and tropical fruits, run into many thousands of dollars, simply because we supply them right. Our citrus fruits are raised from the seed stage up, in our own nurseries, and under the eye of our expert cultivators—consequently they are the cleanest and best obtainable. Our land lies high and dry, producing hardy, vigorous trees absolutely free from yellows.

LANDSCAPE GARDENING

We respectfully ask our patrons to confer with us when contemplating landscape work of any kind, either new work or remodeling. Our organization for this class of work is complete. Our men are experts and our stock, as grown in our nurseries, is perfect in every particular. We will be glad to estimate the cost of any place however large or small, and make plans in accordance with the amount you wish to spend.

A Few Flower Seeds for Fall Sowing

Alyssum , Sweet, white, ht. $\frac{3}{4}$ ft.....	Pkt. \$0.05
Alyssum Compact dwarf; ht. 1-3 ft....	.05
Antirrhinum Majus , tall mixed; ht. 2 ft.	.05
Dwarf mixed; ht. 1 ft.....	.05
Tom Thumb, mixed; ht. $\frac{3}{4}$ ft.....	.05
"Snapdragons," hardy perennials, flowering the first year. Unsurpassed for borders.	



LARKSPUR

Aquilegia , Chrysantha, yellow; ht. $1\frac{1}{2}$ ft.	.10	Canterbury Bells , single blue; ht. 2 ft....	\$0.05
Double mixed hybrids, very fine, ht. $1\frac{1}{2}$ ft.	.10	Single white; ht. 2 ft.....	.05
Single mixed; ht. $1\frac{1}{2}$ ft.....	.05	Single rose; ht. 2 ft.....	.05
"Columbines," handsome hardy perennials, indispensable as decorative border plants.		Double mixed; ht. 2 ft.....	.05
Bellis , Perennis, fl. pl., mixed; ht. $\frac{1}{4}$ ft....	.10	Double white; ht. 2 ft.....	.10
Longfellow, large rose; ht. $\frac{1}{4}$ ft.....	.10	Double rose; ht. 2 ft.....	.10
Quilled, mixed fine; ht. $\frac{1}{4}$ ft.....	.15	Double blue; ht. 2 ft.....	.10
Snowball, double, white; ht. $\frac{1}{4}$ ft.....	.10	Double mixed; ht. 2 ft.....	.10
Double red; ht. $\frac{1}{4}$ ft.....	.10	Calycanthema mixed; ht. 2 ft.....	.10
The popular English double daisies. Very useful for edgings.		Carnation , finest Germain mixed; ht. $1\frac{1}{2}$ ft.....	.25
Calceolaria Hybrida Superba, beautifully blotched, mottled and striped; ht. $1\frac{1}{2}$ ft.	.50	Redondo mixed; ht. $1\frac{1}{2}$ ft.....	.15
Calendula Officialis , "Meteor," yellow, striped and bordered orange; ht. $1\frac{1}{2}$ ft.	.05	Perpetual or tree, very fine; ht. 2 ft....	.25
"Prince of Orange," ht. $\frac{3}{4}$ ft.....	.05	Marguerite, mixed; ht. $1\frac{1}{2}$ ft.....	.10
Calliopsis Bicolor, yellow and brown; ht. 2 ft.....	.05	Centaurea , Candidissima, white foliage; ht. 1 ft.....	.10
Fine mixed, all colors; ht. 2 ft.....	.05	Gymnocarpa; ht. 1 ft.....	.10
Candytuft , purple; ht. 1 ft.....	.05	Coleus , finest mixed; ht. 2 ft.....	.15
White; ht. $\frac{3}{4}$ ft.....	.05	New, large leaved, very fine; ht. 2 ft....	.25
Fine mixed, all colors, ht. 1 ft.....	.05	Cosmos , pure white; ht. 4 ft.....	.05
		Pink; ht. 4 ft.....	.05
		Fine mixed; ht. 4 ft.....	.05
		Mammoth Perfection, white; 4 ft.....	.10
		Mammoth Perfection, crimson; ht. 4 ft.	.10
		Mammoth Perfection, pink; ht. 4 ft.....	.10
		Mammoth Perfection, yellow, ht. 4 ft..	.10
		Mammoth Perfection, mixed; ht. 4 ft..	.10
		Dianthus , Chinensis, "China Pinks," double mixed; ht. 1 ft.....	.10
		Hedderwigii, fine mixed; ht. 1 ft.....	.10
		Hedderwigii, Crimson Belle, dark crimson; ht. 1 ft.....	.10
		Diadematus, Double Diadem Pink, mixed; ht. 1 ft.....	.10
		Laciniatus, single mixed; ht. 1 ft.....	.10
		Laciniatus, double mixed; ht. 1 ft.....	.10
		Imperialis (Double Imperial Pink); ht. 1 ft.....	.10
		Hybridus, double mixed; ht. 1 ft.....	.10
		Digitalis , Gloxinoides, "Foxgloves," fine mixed; ht. 3 ft.....	.05
		Gypsophila , Elegans, rosy white; ht. $1\frac{1}{2}$ ft.....	.05
		Paniculata, White; ht. $1\frac{1}{2}$ ft.....	.05
		Gaillardia , Picta, red and yellow; ht. $1\frac{1}{2}$ ft.....	.05
		Lorenziana, double mixed colors; ht. $1\frac{1}{2}$ ft.....	.05
		Grandiflora, splendid mixed; ht. 2 ft..	.10
		Grandiflora, Maxima, golden yellow; ht. 2 ft.....	.10
		Hollyhock , Chater's superb double mixed English; ht. 5 ft.....	.10
		Hollyhock , finest German mixed; ht. 5 ft.	.10
		Larkspur , Dwarf Rocket, mixed; 2 ft....	.05
		Tall Stock-flowered, mixed; ht. $2\frac{1}{2}$ ft..	.05
		Matricaria , Eximia, "Feverfew," double white, very handsome; ht. 2 ft.....	.05
		Mignonette , large flowering; ht. $\frac{3}{4}$ ft....	.05
		Golden Queen; ht. 1 ft.....	.10
		Machet, fine for pot culture; ht. 1 ft....	.10
		Miles' Hybrid Spiral, very large spike; ht. 1 ft.....	.10
		Mimulus , Cardinalis, "Scarlet Monkey Flower," dark red; ht. $1\frac{1}{2}$ ft.....	.10
		Tigrinus Grandiflorus, finest mixed, spotted and tigré varieties; ht. $1\frac{1}{2}$ ft.	.10
		Musk Plant (Mimulus Moschatus yellow), a universal favorite; ht. $\frac{1}{2}$ ft.....	.10
		Myosotis , Alpestris, "Forget-me-not," light blue; ht. $\frac{1}{2}$ ft.....	.10
		Dissitiflora, brilliant blue, earliest flowering; ht. $\frac{1}{2}$ ft.....	.15

Flower Seeds for Fall Sowing—Con.



GERMAIN'S GIANT PRIZE PANSY

Pansy, or Heartsease.	Pkt
Bugnot's Superb Blotched, extra fine; ht. ½ ft. ....	.50
Cassier's very large flowered, finest mixed; ht. ½ ft. ....	.25
English mixed, extra select, very large and velvety; ht. ½ ft. ....	.15
Giant Trimardeau, mixed, very large and of vigorous growth; ht. 1 ft. ....	.25
Odier's Five Blotched, very fine with a black blotch on each petal; ht. ½ ft. ..	.25
GERMAIN'S Giant Prize Mixture .....	.25
Azura blue; ½ ft. ....	.10
Emperor William, ultramarine blue; ht. ½ ft. ....	.10
Faust, or King of the Blacks, coal black; ht. ½ ft. ....	.10
Golden Yellow, pure; ht. ½ ft. ....	.10
Golden Margined, Brown with gold border; ht. ½ ft. ....	.10
Lord Beaconsfield, large purple violet shading off to lavender; ht. ½ ft. ....	.10
Mahogany colored ht. ½ ft. ....	.10
Masterpiece, new giant curled or ruffled pansy, highest perfection in the class	.25
Peacock, royal purple, shot with peacock blue; ht. ½ ft. ....	.15
President Carnot, white violet blotches; ht. ½ ft. ....	.15
Snowflake, pure white; ht. ½ ft. ....	.10
Striped and variegated varieties; ht. ½ ft. ....	.10
Victoria, blood red; ht. ½ ft. ....	.15
Violet, white margined; ht. ½ ft. ....	.10
White with black center; ht. ½ ft. ....	.10

Pansies should be carefully cultivated and will amply repay liberal treatment. All the above strains are carefully saved from the choicest flowers, and are unsurpassed in color, form and substance.

Phlox, Drummondii , white; ht. 1 ft. ....	.10
Double white; ht. 1 ft. ....	.15
Double yellow; ht. 1 ft. ....	.15
Bright scarlet; ht. 1 ft. ....	.10
Red, with white eye; ht. 1 ft. ....	.10
Rose, striped white; ht. 1 ft. ....	.10
Pink; ht. 1 ft. ....	.10
Fine mixed; ht. 1 ft. ....	.10
Large flowering, fine mixed; ht. 1 ft. ..	.10
Very Dwarf, Fireball, brilliant scarlet; ht. ½ ft. ....	.10
Very Dwarf, extra fine, mixed; ht. ½ ft. ....	.10
Cuspidata, "Star Phlox," mixed; ht. 1 ft. ....	.10
Polyanthus , finest golden-laced varieties; ht. ½ ft. ....	.25
Choice mixed; ht. ½ ft. ....	.10
Primrose , true English yellow; ht. ½ ft. ....	.15
Primula , Sinensis, fringed white; ht. ½ ft. ....	.25
Fringed red; ht. ½ ft. ....	.25
Finest mixed, fringed; ht. ½ ft. ....	.25
Obconica, light mauve; ht. ½ ft. ....	.15



PHLOX DRUMMONDII

Flower Seeds for Fall Sowing—Con.



STOCKS AT OUR SEED FARM

	Pkt.
Verbena , blue trailer.....	\$0.10
Italian striped, finely striped and mot- tled; trailer.....	.10
Large white; trailer.....	.10
Scarlet, trailer.....	.10
Pink, trailer.....	.10
Mammoth mixed, very large; trailer....	.15
Fine mixed; trailer.....	.05

Wallflower , single mixed; ht. 2 ft.....	Pkt. \$0.05
Blood red; ht. 1 ft.....	.10
Belvoir Castle, dwarf yellow; ht. ¾ ft....	.10
Harbinger, rich blood red; ht. 1 ft.....	.10
Double German mixed; ht. 2 ft.....	.10
Stocks , Ten-week, large flowered, finest mixed; ht. 1 ft.....	.10
Wallflower-Leaved, finest mixed; ht. 1 ft.....	.15
Wallflower-Leaved, Snowflake, pure white; ht. 1 ft.....	.10
Giant Perfection, white; ht. 2 ft.....	.15
Giant Perfection, crimson; ht. 2 ft....	.15
Giant Perfection, flesh color; ht. 2 ft..	.15
Giant Perfection, light blue; ht. 2 ft....	.15
Giant Perfection, dark blue; ht. 2 ft....	.15
Giant Perfection, mixed; ht. 2 ft.....	.10
Princess Alice (Cut and Come Again), white; ht. 1½ ft.....	.10
Stocks , Winter Nice. Abundance, Car- mine rose.....	.15
Winter Nice. Almond blossom, white, shaded carmine.....	.15
Winter Beauty of Nice. Flesh pink ....	.15
Winter Nice. Crimson King. Tall long spikes.....	.15
Winter Nice. Deep lilac, novelty 1912...	.15
Winter Nice. Purple. Remarkably fine	.15
Winter Nice. Queen Alexandra. Rosy lilac.....	.15
Winter Nice. White, free flowering....	.15
Winter Nice. Mixed.....	.15
Sweet William , single, finest mixed; ht. 1½ ft.....	.05
Double, finest mixed; ht. 1½ ft.....	.10

GROW THE EXHIBITION VARIETIES OF Giant Spencer Sweet Peas

PRICE:

15c. per pkt. 60c. per oz.
Whole collection of 15 pkts., \$1.50

Agricola—Blush Pink. The largest and loveliest Spencer; long stems and an exquisite rosy-blush.

Constance Hinton—Pure White. Extra large-frilled and one of the latest novelties.

Dobbies Cream. This is undoubtedly the best cream Spencer grown; beautifully waved large flowers.

Hercules—Rose Pink. Immense flowers, long stems and a beautiful rich clear rose-color, very vigorous and a free bloomer.

Illuminator. A glowing cerise-salmon with an indication of bright orange, which glistens in the sunlight. Flowers large and wavy. This is the most beautiful of the many new Spencers.

Inspector. Duplex, glowing orange-salmon.

King White. The best Spencer White ever produced.

Leslie Imber. Deep pinkish lavender flowers of large size, much waved and long stems.

Margaret Atlee. A rich glowing pink softly suffused with salmon. Flowers extraordinary size, exquisitely waved and freely produced on long stems.

Mrs. Cuthbertson. Rose pink, wings pink white.

Miriam Beaver. Finest shell-pink, large and ruffled.

Nubian. A new deep maroon, self-colored and of great merit. Giant flowers beautifully waved.

Rosabelle. Undoubtedly the largest deep rose yet produced. Flowers much waved and crimped.

Scarlet Emperor. A vermillion brilliant, beautifully waved, surpassing all other scarlets in color and size.

Zephyr. Deep clear lavender. Extra fine.

SPENCER SWEET PEAS

GIANT ORCHID FLOWERING VARIETIES

	Pkt.	Oz.
America , red and white striped...	\$0.10	\$0.30
Apple Blossom , rose and blush....	.10	.30
Asta Ohn , lavender, tinted mauve	.10	.30
Black Knight , shining deep maroon.....	.10	.30
Blanche Ferry , pink and white....	.10	.30
Countess Spencer , light pink, shading darker towards the edges.....	.10	.30
Dainty Spencer , white, edged pink	.10	.30
Elfrida Pearson , blush pink.....	.10	.30
Flora Norton , clearest and most pronounced blue.....	.10	.30
Florence Morse , dainty pink over white, edged pink.....	.10	.30
Florence Nightingale , clear lavender.....	.10	.30
Helen Lewis , Standard orange, wings salmon.....	.10	.30
King Edward Spencer , carmine scarlet.....	.10	.30
Maud Holmes , select sunproof crimson.....	.10	.30

	Pkt.	Oz.
Mrs. C. W. Breadmore , buff with a rosy picotee edge.....	.10	.30
Mrs. Hugh Dickson , pink and buff, extra.....	.10	.30
Mrs. Routzhan , rose apricot, deeper in color, if partially shaded.....	.10	.30
Othello , rich deep maroon.....	.10	.30
Paradise Ivory , ivory white, with a slight tinge of buff.....	.10	.30
Primrose Spencer , the color is a pronounced creamy yellow, with beautiful crinkled wings.	.10	.30
Queen Alexandra , brightest crimson scarlet.....	.10	.30
Stirling Stent , A glorious salmon orange.....	.10	.30
Triumph , salmon pink, bi-color waved.....	.10	.30
Spencer Mixed , 20 cts per oz.; 75 cts. per ¼ lb.: \$2.00 per lb.		

GRANDIFLORA VARIETIES, LEADING SORTS

America. White ground, striped with blood red.
Blanche Ferry. Pink and white.
Boltons Pink. Orange pink.
Countess of Cadogan. First blossoms have purple standards, which turn to a clear bright blue.
Countess of Radnor, Improved (New Countess). Pure light lavender; very large.
Dorothy Eckford. One of the largest and purest whites.
Evelyn Byatt. Orange rose.
Flora Norton. Bright blue.
Georgious. Bright orange-salmon wings, orange red.
Hon. Mrs. E. Kenyon. Primrose-yellow.
Janet Scott. Bright pink, wings rose pink.
King Edward VII. Bright crimson, large flowers.
Lady Grisel Hamilton. Delicate silvery lavender.
Maid of Honor. White and lavender, edged blue.
Modesty. A very soft and delicate pale pink.
Navy Blue. Deep blue.
Othello. Deep maroon, very large.

Prima Donna. Soft rose-pink; extra fine.
Queen Alexandra. Deep scarlet.
Sadie Burpee. White, blush tinge when young.
Salopian. Deep crimson-red.
Sybil Eckford. Buff and pink.

The above varieties, separate colors, packet 5 cents, dozen packets 50 cents, ounce 15 cents, ¼ pound 35 cents, pound \$1.25. The whole collection of twenty-one varieties, one packet of each, postage paid for 75 cts.

CALIFORNIA LARGE-FLOWERING MIXED. From named varieties. Packet 5 cents, ounce 15 cents, ¼ pound 35 cents, pound \$1.00.

GERMAIN'S SPECIAL LIGHT MIXTURE. Including only light and bright colors. Same price as above.

CUPID OR DWARF SWEET PEAS

The Cupid varieties are very showy and splendid for bedding. Height 6 inches. Plant the seed 6 inches apart.

MIXED. 5 cents per packet, 25 cents per ounce

"SUNSET COLLECTION"

Seven choice Orchid varieties..... 50 cts.

WAVED UNWYN TYPE

	Pkt.	Oz.
A. J. Cooke , violet mauve.....	\$0.10	\$0.25
Chrissie Unwyn , vivid scarlet....	.10	.25
E. J. Castle , carmine rose, shaded salmon.....	.10	.25
Frank Dolby , light lavender.....	.10	.25
Gladys Unwyn , lovely light pink....	.10	.25
Mrs. Alfred Watkins , pale pink...	.10	.25
Nora Unwyn , pure white, large flower.....	.10	.25
Phyllis Unwyn , rosy carmine.....	.10	.25
Collection of the above 8 varieties, 50 cts.		

CHRISTMAS VARIETIES

	Pkt.	Oz.
Angeleno , flesh pink, self.....	\$0.10	\$0.25
Blanche Ferry , extra early, pink and white.....	.10	.25
Christmas Red.....	.10	.25
Earliest of All , pink and white...	.10	.25
Earliest Sunbeams , primrose yellow.....	.10	.25
Flamingo , crimson red.....	.10	.25
Florence Denzer , pure white.....	.10	.25
Le Marques , dark blue.....	.10	.25
Mont Blanc , pure white.....	.10	.25
Mrs. Alexander Wallace , lavender	.10	.25
Mrs. F. J. Dolansky , rose pink...	.10	.25
Mrs. Geo. Lewis , pure white waved	.10	.25
Mrs. Wm. Sim , salmon pink.....	.10	.25
Christmas Mixed , 15 cts. oz.; \$1.50 per lb.		

FARMOGERM inoculation will add greatly to your supply of Sweet Pea blooms. Garden size 50 cents. Ask for booklet.

Hints on the Formation of Lawns

See that the ground is well prepared. Dig or plow ground to the depth of eight inches. Afterwards harrow or rake carefully, pulverize all lumps, and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of five inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary; then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 150 pounds to the acre (for Blue Grass), one pound to sixteen feet square. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is three inches high it should be cut and rolled, and every week or so thereafter until the grass has become firm. Eradicate weeds whenever they appear, without disturbing the grass. Should bare spots appear, rake the surface and sow more seed. The roller should be used frequently during the season, and a dressing of lawn fertilizer once a year is necessary to the maintenance of a good lawn.



CENTRAL PARK, LOS ANGELES
This lawn planted with Germain's Extra Reclaimed Grass Seed

LAWN GRASS SEED

Kentucky Blue Grass. The seed we offer is extra fancy reclaimed seed, the finest and purest grade obtainable anywhere. Per pound 30 cents.

White Clover. Our seed is strictly first-class, absolutely clean and pure and of the highest quality. Per pound 75 cents.

Los Angeles, Cal., September 1, 1915.

GERMAIN SEED & PLANT CO.,

Los Angeles, Cal.

Gentlemen:

The lawn grass seed which you sold me has proved so entirely satisfactory and has made such a fine lawn, that I want to tell you about it.

It has only been a short time since our place was practically barren, and it being a fact that we started with such grounds, we consider the splendid growth we obtained very remarkable. Our lawns came up evenly and made such a steady growth, that they are now one continuous stretch of green, making a very pretty turf.

Of course we were careful to prevent any weeds being left in the soil. Furthermore, we used a good fertilizer which we consider a very material aid.

As a conclusion, I might say that our lawns are a splendid stand of Kentucky Blue Grass and White Clover.

Very truly yours,

A. YOUNGERMAN

Head Gardner-Selig Polyscope Co.

FERTILIZERS

Fertilizers are an important but little understood item connected with flower and bulb culture. One can readily understand that animals must have food, but that plants must feed also is something not quite so plain. We can compare the soil to a storehouse containing so much food, which is being constantly used up by the plants, year after year. It is clearly evident that the continual taking up of this food by the plant will deplete the soil. The elements which are in the soil in small amounts and which are absolutely essential to plant life, are Nitrogen, Phosphorus and Potash. These are known as the "critical elements," because they are so often present in small quantities, and also because the plants must have them.

As is well known, a poor, barren soil gives weak, immature flowers—while a rich, fertile soil furnishes us with the luxuriant growth of flowers which we so highly prize. Have you ever passed a place with a bed of flowers in it that were weak, anemic appearing blossoms, while a short distance further you noticed the sturdy, richly colored bed? Care, cultivation, watering, position, soil, and fertilizing, enter into the difference and not the least of these is fertilizer.

For List of Fertilizers see next page

GERMAIN'S NUVIDA FERTILIZERS

The Germain Seed & Plant Co. have endeavored for years to obtain a fertilizer which would meet all the requirements necessary for flower culture. We owe it to our large patronage to recommend only that which will give results and satisfaction. To that end we have finally perfected a fertilizer which we think will satisfy all requirements. It is of a concentrated nature, requiring but very small doses to the plant and will undoubtedly yield good results. This material is known as the **NUVIDA FLOWER AND FERN FERTILIZER** and we confidently feel assured of its success, because of its purity, its food value, and its proportions of fertilizer elements. Nuvida Flower and Fern Fertilizer, 25 cents per can.

NUVIDA FERTILIZERS. Germain's Lawn and Garden Special. We recommend this especially for lawns, flowers, and the small garden. We feel certain that there is no other product on the market which will give as good results when used for the same purposes, as this **NUVIDA FERTILIZER**. It is sown like grain and after sprinkling, the material is removed from sight. In a very short time probably less than a week, you will see the good results in the rich, green coloring of your lawn, or the luxuriant growth of your flowers and plants. Use at the rate of 10 pounds to 300 square feet.

5 pounds.....	\$0.25	10 pounds.....	\$0.50
25 pounds.....	\$1.00	50 pounds.....	1.60
100 pounds.....	3.00		

OTHER FERTILIZERS

Pure Steamed Bone Meal. Finely ground and of first quality; decomposes rapidly in the soil; 5 pound bag 25 cents, 25 pound 75 cents, 50 pound \$1.35, 100 pound 2.50, 500 pound \$31.25.

Germain's Lime Carbonate. A very finely ground carbonate of lime which is 96 per cent pure. It is unexcelled for neutralizing acidity and your sour lawn or garden will show wonderful improvement by using it; 100 pounds \$1.00. Much lower rate by the ton.

Leaf Mold. Fine for mixing in soil for potting house plants, ferns, etc. Per sack 75 cents.

Pulverized Sheep Manure. This is not the weather bleached or adulterated kind that is often found, but is specially prepared and carefully handled so that it possesses all of the elements of a high class fertilizer, free from weed seeds, and strong in plant food. Per 25 pounds 60 cents, 50 pounds \$1.00, 100 pounds \$1.75.

Pure Dried Blood. Confidently recommended where a high nitrogenous fertilizer is required; 100 pounds \$4.00.

INSECT PESTS AND PLANT DISEASES

To the grower of flowers, insects are very troublesome at times. The aphides, principally the green and also the black aphid cause most of the trouble, while worms eating off the young shoots of the plants, and worms in the ground are also common pests. We wish here to make plain to the lover of the garden that insects are different structurally and require different treatment. We find one great class, the leaf-eaters, comprising the beetles, caterpillars, worms of all sorts, etc. When one goes out into the garden and finds the leaves eaten up, remember that the only practical remedy is a poison spray which coats the leaves and the insect eating it is poisoned. The only safe and sure spray is Corona Arsenate of Lead Powder.

For the little green lice and black lice on flowers a contact spray must be used, something that clogs up the breathing pores. Lice suck their food and therefore a poison spray is not effective. We recommend **FLORAL NICOTINE** as being the most effective spray to be used.

For Scale a spray which has both dissolving and penetrating properties is essential. The scale insects have a hard, greasy covering and this must be dissolved in order to make the spray effective. So here we recommend the **TALBOTS SPRAY POWDER** as being one that will give the most satisfactory results.

However, insects are not the only troubles met with. Plant diseases, which are caused by one form of plant life growing on the other, are common, and these require different treatment.

FOR ALL LEAF-EATING INSECTS use **CORONA DRY ARSENATE OF LEAD**—in 25 and 40 cent sizes.

FOR ALL APHIDES, THRIPS, ETC., use **FLORAL NICOTINE**—in 25, 50 and \$1.00 sizes.

FOR SCALE INSECTS, we unhesitatingly recommend **TALBOTS SPRAY POWDER**, sold in 25, 50 and \$1.00 packages. 20 pounds or over 25 cents per pound.

FOR MILDEW use **BORDEAUX MIXTURE, FLOWERS OF SULPHUR.**

Flowers of Sulphur, 2 pounds 15c, 4 pounds 25c. Corona Dusting Sulphur 20c package, 5-lbs. 75c.

FOR RED SPIDER USE **GERMAIN SOLUBLE SULPHUR COMPOUND**, sold in 25c, \$1.50 and \$7.50 drums.

FOR BLIGHT, RUST and other diseases **BORDEAUX MIXTURE** is absolutely the "best material to use. Sold in 23, 40 and \$1.50 pkgs.

SPRAY PUMPS

For potted plants and small rose bushes we recommend the **NUVIDA** or **DAISY SPRAYER**. For the fair-sized home there is nothing better than the Aerospra. It is efficient, and satisfactory.

Nuvida Sprayer..... \$0.50

Daisy Sprayer, galvanized iron... .75

THE DEMING "AEROSPRA"

A compressed air sprayer of improved design with several new and valuable devices, such as an extension rod with a 45 degree angle. Simplex nozzle so as to spray the under side of the leaf. The tank is tested to 100 pounds pressure. The operator can pump, and spray at rest until the reduced pressure requires pumping again. The hose is attached to the tank by a threaded coupling which can be detached very easily. The pump can be carried conveniently on the shoulder by a strap which is attached to the tank. This sprayer will handle whitewash, Nicotine material or Bordeaux Mixture, etc., perfectly. The sprayers are made in galvanized steel or brass, all sprayers tested to 100 pounds pressure.

Galvanized Steel..... \$ 7.50

All Brass..... 10.00

SWEET PEAS

THE NEW GIANT WINTER SPENCER

This year we are offering five beautiful varieties of new Giant Winter Spencers. We are able to assure our customers that the packet which we place upon the market contain none but the choicest re-selected stock. These varieties are the only Spencer Sweet Peas that flower within ninety days after planting, and no one should fail to plant at least a few in time to bloom for the Christmas holidays.

The lover of flowers is usually offered a sparse selection during the winter months, but by planting these varieties at intervals of two to three weeks, until about the middle of November, one can be assured of a blooming garden throughout the winter.

APRICOT PINK. This is a magnificent shade, with a rich tone of apricot shading to pink. The flowers have large and wavy petals, borne on long stems. Per package 25c.

RED WINTER SPENCER

(Note the blossom in the middle)

A glistening crimson-scarlet, with beautiful waved and fluted petals—the true Christmas red. Per package 25c.

ROSE PINK. A supreme Spencer, beautiful as an individual flower, or in a bunch. The standard and wings are very wavy, and the flower is an exquisite rose pink. Per package 25c.

WHITE WINTER SPENCER

(Note the blossom at the bottom)

Immense blooms of pure white, large and wavy. Per package 25c.

YARRAWA

(Note the blossom at the top)

This is a wonderful Giant Winter Spencer of a bright rose color and with wings a shade lighter, beautiful waved petals and unusually long stems. With proper treatment this variety will bear four immense blossoms to the stem. The Yarrawa will continue to bloom longer than any other known species; and sweet peas of this variety have been known to flower from December to May.

MIXED WINTER SPENCER. Made up of the choicest winter varieties. Per package 25c.

Any of the above varieties, 6 packages for \$1.25. Per oz. \$1.50.

